



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: [www.mpbio.com](http://www.mpbio.com)

## Certificate of Analysis

**Product Description:** 1-Aminocyclopropane-1-carboxylic Acid  
**Catalog Number:** 150348  
**Lot:** M2061A

**Formula:** C<sub>4</sub>H<sub>7</sub>NO<sub>2</sub>  
**CAS #:** 22059-21-8  
**Physical Description:** White Powder

**Formula Weight:** 101.105  
**Storage:** -0°C, desiccate

Solubility: Clear colorless solution in 50 mg/ml water  
Rf= 0.16, (98%+)  
Melting point: 262°C  
Water (KF): 1.0%  
Elemental analysis:  
- C: 46.76  
- H: 7.05  
- N: 13.61

*Christina Marotta*

07/11/2011 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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<mailto:biotech@mpbio.com>  
<http://www.mpbio.com>

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)